IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20. (Canceled)

21. (Previously Presented) A system for detecting intrusions on a host, comprising:

a sensor for collecting information from a logfile located on the host; and
an analysis engine embodied in a computer security system and coupled to the sensor for
analyzing the logfile and including a time decay function;

wherein the analysis engine is configured to use the time decay function to compute <u>a</u> suspicion value for an entry in the logfile including by using the time decay function to compute a probability for an end of a session <u>with which the entry is associated</u>.

22. (Original) The intrusion detection system as recited in claim 21, wherein the logfile is sulog and the session is an su session.

23-24. (Canceled)

25. (Previously Presented) A method for detecting intrusions on a host, comprising: collecting information from a logfile located on the host; and

analyzing the logfile, including by using a time decay function to compute a suspicion value for an entry in the logfile including by computing a probability for an end of a session with which the entry is associated.

26. (Previously Presented) A method as recited in claim 25, wherein the logfile is sulog and the session is an su session.

27. (Previously Presented) A computer program product for detecting intrusions on a host, the computer program product being embodied in a computer readable medium and comprising computer instructions for:

collecting information from a logfile located on the host; and

analyzing the logfile, including by using a time decay function to compute a suspicion value for an entry in the logfile including by using the time decay function to compute a probability for an end of a session with which the entry is associated.

28. (Previously Presented) A computer program product as recited in claim 27, wherein the logfile is sulog and the session is an su session.